IDVIEW PRO

Law Enforcement Audio & Video Recorder

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User Manual

Model Number: IV-PBC-02

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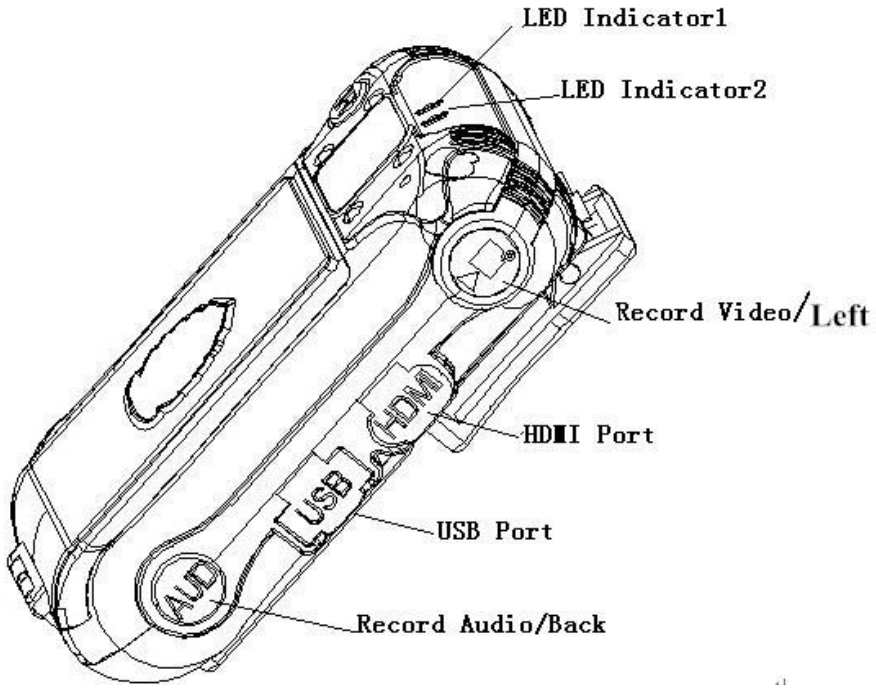
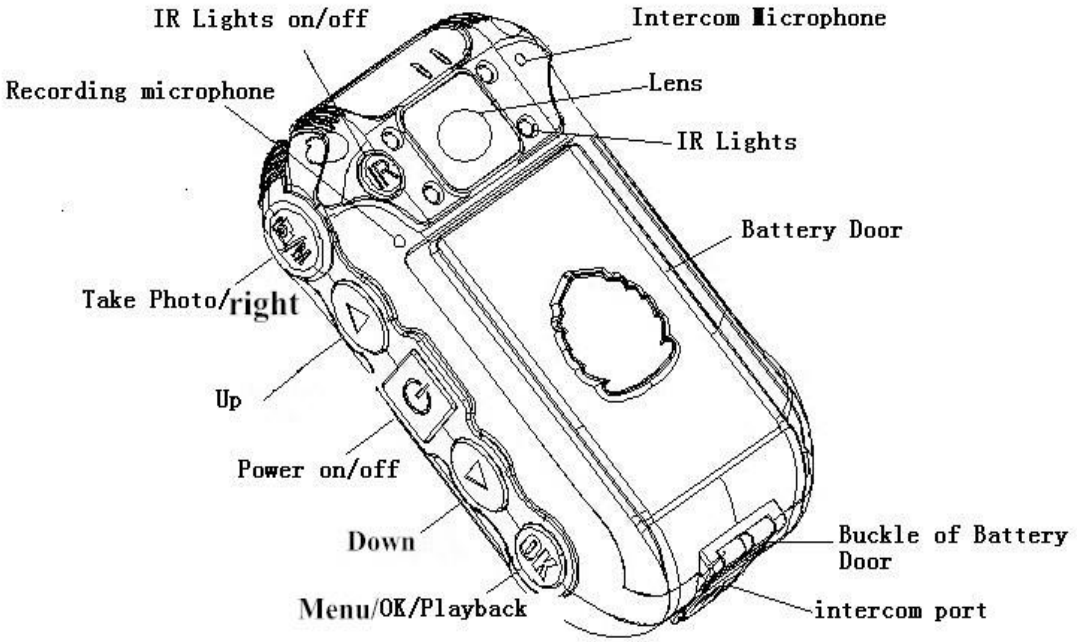
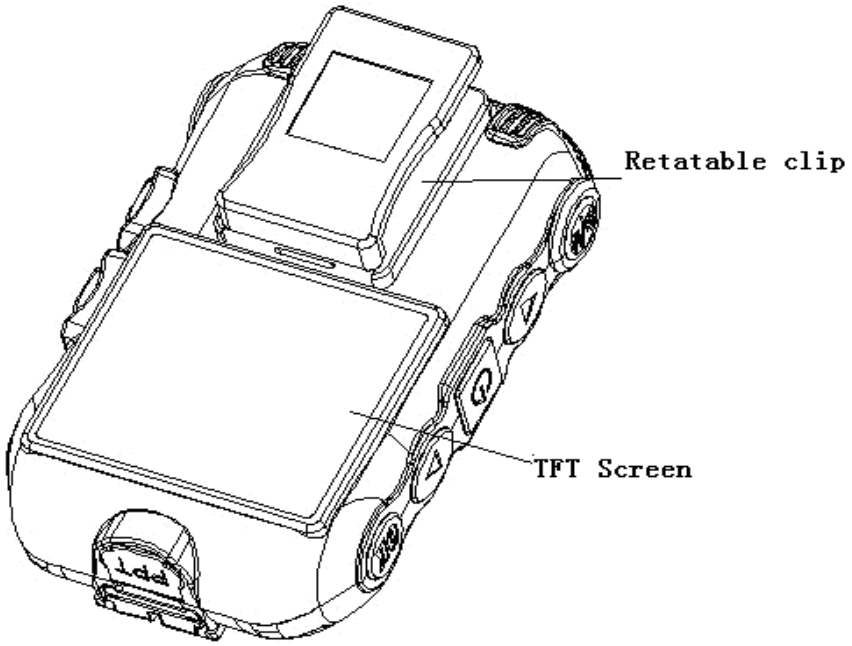
www.idview.com

1. Structure Diagram

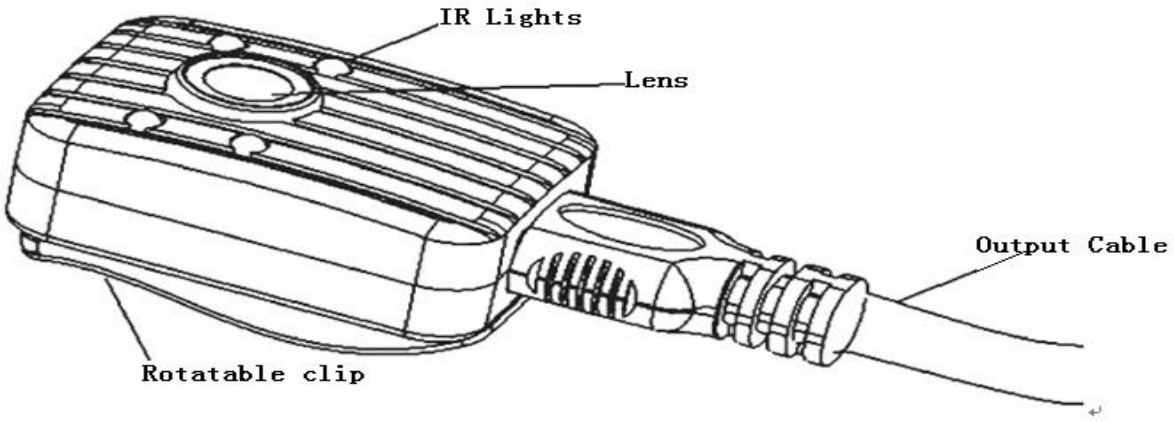
1) . Host Machine





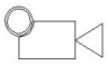


2). External Camera

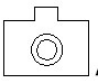


2. The operation of the button

1). Power on/off ( ): long press to turn on/off the machine.



2). Record video/intercom/Left( ):short press to turn on/off the video recording;long press to intercom,on menu or playback,press for turning left



3). Take photo/Right( ): short press to take photo;on menu or playback,press for turning right.

4). Record audio/back(AUD):short press to record audio;use to back to the previous menu when setting the menu**.**

5). Menu/OK/playback(OK): Long press enter menu,short press to confirm the item;short press to playback the video/audio.

6). Up(△):move up to choose the item when setting the menu; press this button also can zoom out when taking photo or recording video on 720/30.

7). Down(▽):move down to choose the item when setting the menu;press this button also can zoom in when taking photo or recording video on 720/30.

8). IR lights on/off (IR):

A.Turn on/off the IR lights and switch the infrared filter when not connect the external camera.
B.Turn on/off the external camera IR lights when connect the external camera.

3. Indicator lights

These are the state indicator lights of working or standby,and it will not repeat on the basic operation.

	State indicator lights1	State indicator lights 2
Turn on	green	Blue
Record video	red flash	Blue
sleep	Not light	Blue flash

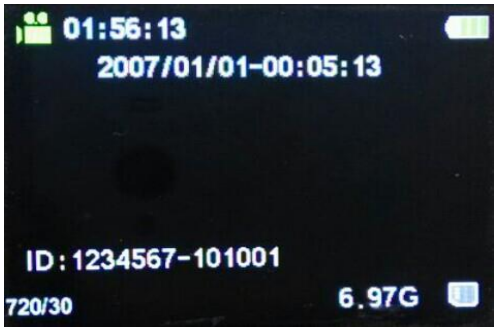
charging	green	Pourpre
Charging full	green	Not light
intercom	red	Blue
Take photo	red flash once	Blue
Record audio	orange	Blue
Match code	green	blue flash

4. Basic operation

1).Turn on/off

Press【Power ON/OFF】button for 3 seconds ,after appearing the LOGO (WELCOME),the machine enter the normal display.

At any state, if press the 【Power ON/OFF】button for 3 seconds,after showing the (BYE BYE) indicator, it turns off.



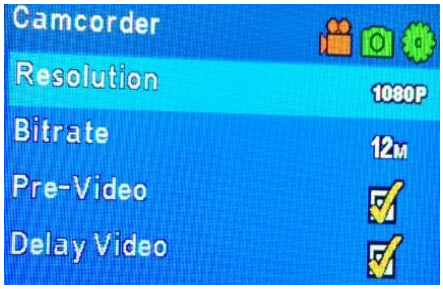
The normal display

Show on the normal display:

1. the top left corner is the remaining recording time of the SD card ;
2. the top right corner is the battery power;
3. the second line is the system date and time;
4. last second line is the ID number of the policeman;
5. button left corner is the resolution choose, right corner is the spare capability of the SD card.

2)Video setting

Long press (**OK)**for 3 seconds,enter the system setting,as follows:



System setting display

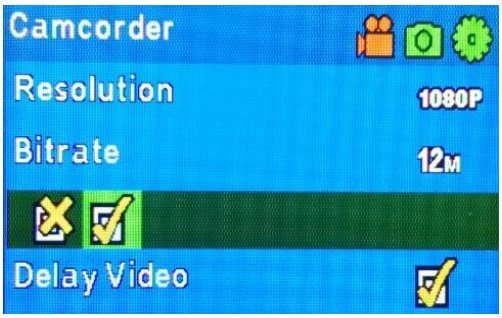
1.Resolution setting: press “ok”to show 1080P 960P 720/60 720/30

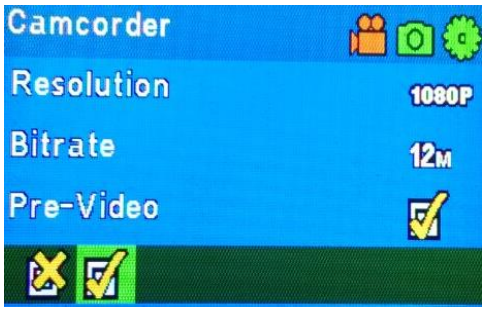
press to turn right or left,choose the resolution,then press “ok” to confirm it.

2. photo size setting: press “△”or “▽”to enter the “Bitrate”item, press “ok” to show 12M 6M

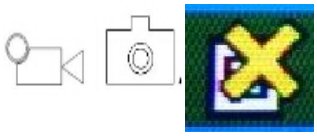
press to turn right or left,choose the photos size,then press “ok” to confirm.

3. Pre-record and Delay record setting:press “△”or “▽”to enter the “Bitrate”item, press “ok” to show





press to turn right or left,choose and press “ok” to confirm it .



Means turn off this function.

Means turn on this function

Pre-record and delay record according to resolution the time will be different:1080P and 960 is 5S,720/60 and 720/30 is 10s.

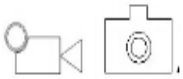
3) Photo setting

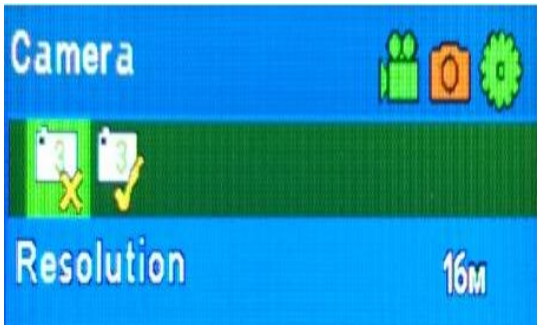
press to turn right or left,choose photo and use “ok”to confirm,it will show:

Tripple shot:

press “△”or “▽”to enter the “Trppie shot”item, press “ok” to confirm

press to turn right or left,choose and press “ok” to confirm it .



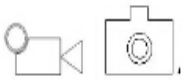


Means turn off this function will take 1 photo a time, Means turn on this function,will take 3 photos a time.

resolution:

press “△”or “▽”to enter the “Trppie shot”item, press “ok” to confirm

press to turn right or left,choose 3M 12M 16M for photos resolution and press “ok” to

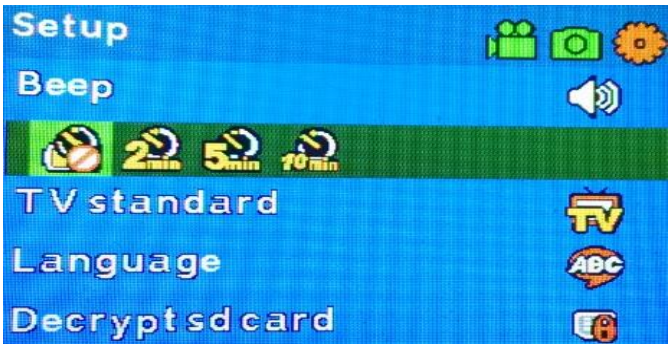


confirm it .

4)system setting

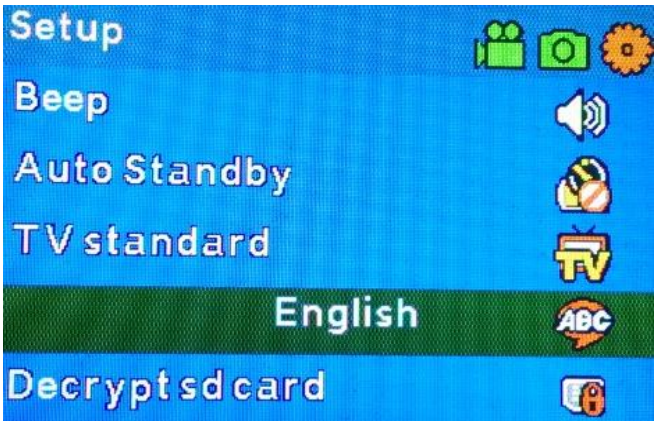
Beep:turn one press buton will have sounds,turn off will not have sounds.

Auto Standby:never standby,2min no operate will standby,5min no operate will standby,10min no operate will standby.



TV standard:NTSC PAL optional according to your TV system.

Language: English,chinese,Russia 3 languages optional.



Decrypt sd card:here you can enter passward 123456 to decrypt sd card before connect computer,after decrypting,camera will be a U disk,you can read SD card information easy.

Notice：

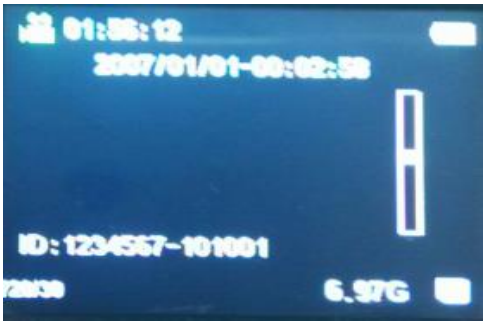
1. in this page,you can set the resolution and the photo size.
2. date/time/password/ID number can not set on the machine,it need to connect the computer and set them using the background management software. This can see at the “back-stage management software”user’s manual part.

5). IR lights and filter switcher’s turn on/off

After getting power, the IR lights are defaulted to turn off, and filter switch to color lens which suit for the daytime.once using at night,you can press “IR on/off” to open the IR lights, and the filter switch to demo lens.press “IR on/off”can switch between the daytime work mode and night work mode. The screen of daytime work mode is colorful, and the night work mode is black and white.

6). Take photo and zoom

Zoom in and zoom out:use “△”or “▽”button can zoom in and zoom out.



Take photo: press to take photo,One click will save 1 or 3 photos,it will save on TF card.

7). Record video/Zoom/Snapshot

Record video: press to record video,and there will be a red dot on the top left corner,press the button again to stop record and named after date/time,mp4 suffix, stored in the memory card.the period time of a file is 10 minutes.

Zoom: the machine has the zoom function during the 720/30 resolution,(1080p,960 and

720/60 don't have zoom function.)

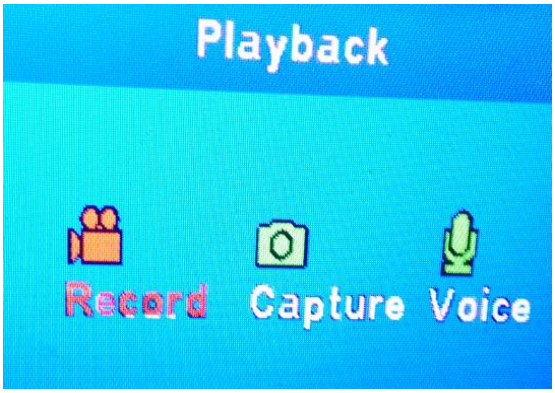
Snapshot: during the video recording, press to capture a photo,after store the photo,it will continue to record video.In this process, there will appear a box moving to the lower right corner.(notice: the resolution of the snapshot photo is the same as the video)

8). Record audio

The machine can record audio,after getting power, press**(AUD)**button to record audio, press again will stop recording, and named after date/time,WAV suffix,stored in the memory card.

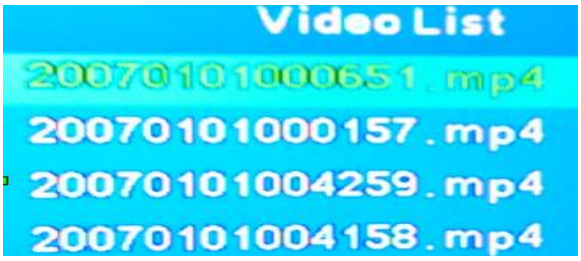
9). Playback the video/audio/photo

Under the normal display state, press **(ok)** to enter the playback menu.



Press to turn right or left choose Record Capture Voice.

Record:choose Record,press **(ok)** to veiw video list.

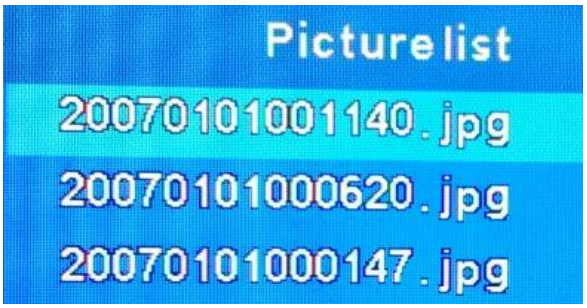


Press **(OK)** to confirm choose,△ or▽ to choose the needed item,press **(OK)** to start playback and stop.When playack video,can use right left button for fast forward

2x 4x and fast rewind 1/2x 1/4x.During playback,can use △ or▽ up down kyes to

increase and reduce voice. press **(OK)** to stop video,then press **(ADU)** to turn back

Capture: Use right left to choose capture,press **(OK)** to confirm and read photos,press **(AUD)** to turn back.



Voice: Use right left to choose capture,press **(OK)** to confirm and read photos,press **(AUD)** to turn back. During playback,can use △ or▽ up down buttonto increase and reduce voice.

10). Delate the files

It can not delate any files that were stored in the memory card on the machine,they can only delate after connected to the computer,and using the background management software. This can see at the "back-stage management software"user's manual part.

11). Intercom(shoulder microphones function)

1. by using the special cable to connect the DVR and intercom.

2. press"record video/intercom" to start to talk, and release it to stop it.

The intercom files will not stored in the memory card.

12). Reset

The machine dose not have the reset button,once the machine crashes or has other abnormal situations,you can open the battery door and take out the battery,then reset it again.

13). AV output/ intercom voice real-time transmission

AV output

The machine has the AV output function,by using the special AV output cable to connect the intercom port to the display,when click playback,the video can play on the screen,and the

machine is black screen in this situation.

Intercom voice real-time transmission

in the AV output mode, the machine can achieve real-time intercom,and the sound of the playback is replaced by the intercom sound.

The installation of the clip and battery

Picture 1 picture 2

clip: as picture1,press the iron as the direction of arrow1 has showed, and take out it as the direction of the arrow2; when install it just as the opposite direction of arrow2.

battery door: as picture2,open the buckle of the battery door as the arrow1and then take out the battery door as the direction of arrow 2(obligue upward); as the oppsite direction to install it.

External camera

This machine has the external high definition camera,you can choose the different way to

wear it to be more flexible and comfortable.

Use the external camera(suit for summer suit) the host machine(winter suit)

The use of the external camera:

1).To inset the camera to the external camera port.

2).Switch the machine to the external camera work mode(the machine has the function to switch between internal and external camera automatically, display the external camera first).

3).In this mode,the “IR on/off” button can use to control the IR lights of the external camera.

Remote controller

The machine has the remote control version,can use to take photo and record video,make it more connivent.

The use of remote controller:

1). Match code: after getting power for 10s,press “△” for 3s, the indicator light2 appear blue flash,and it begin to match code, then press any button on the remote controller,after a sound of “click”, finished it.

2). After matching the code,you can use the remote controller to take photo,record video and others.

3). The introduction of the remoter button:

take photo button,a photo a button;in the video recording mode,if press this button can take a photo.

record video button,press it ,and begin to record video.

stop recording video

Charging of the machine

Appearance of the low power: when the battery is on the low power,the icon in the top right corner turn to red and flash,the buzzer appear the “tick..tick…”sound,and then about

5minutes later it auto power-off.after it appear this situation, please charge it as soon as possible, in case of influencing the normal work.

3 ways to charge the machine:

1). The machine has the replaceable battery,you can take out the battery and use the charging box prepared by the factory to charge it.

2). Use USB to connect the machine with the computer to charge it.the charging state can see from the icon and the indicator lights.

3). Use the USB to connect it with the charger also can charging.and charging state can see from the icon and the indicator lights.

Parameter

Video input	Internal camera resolution 1920*1080;external IR camera 1920*1080
Video output	AV jack:compatible with NTSC/PAL
zoom	Auto digital zoom
TFT screen	2.0inch 16:9 TFT LCD 960*240
lens	100 degree of the internal camera,120 degree of the external camera
sensor	1/3.2" Color CMOS senosor
Host machine size	100.1mm×63.3mm×29.9mm(L*w*H)
photo	JPG format; Max pixel:16 Mega pixel
video	H,264 Compression format 1920×1080,30fps 1280 X 960,30fps 1280×720,60fps 1280 X 720,30fps (optional in the host machine)
Video format	MP4
audio	Built-in microphone/speaker
storage	External memory:Max32GB TF card
shutter	Electronic shutter 1/2 – 1/2000s
IR CUT	Switchable Day and Night
White balance	Auto
USB port	USB 2.0
battery	High capacity li-rechargeable battery,3.7V 2600mAh

H**umidity/temperature**	-22˚F～129˚F (-30℃～55℃)/<90%
L**owest voltage**	3.5v
W**orking current**	About 270mA(when turn on),about 370mA(when recording),about 420mA(when turn on IR lights)
waterproof	IP56

Accessories

1). External IR HD camera*1(optional)
2). TF card*1(optional)
3). Battery charging box*1(optional)
4). 220V charger*1
5). Standby battery (2600MAH)*1(optional)
6). Leather sheath*1(optional)
7). USB*1
8). CD* 1
9). AV output line*1(optional)
10). User's manual*1